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APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.			
10/506,793 09/07/2004		Hitoshi Adachi	APA-0214	6534			
23353	7590 09/25/2006	09/25/2006 EXAMINER					
	ISHMAN & GRAUER	MILLER, CA	MILLER, CARL STUART				
LION BUIL 1233 20TH	DING STREET N.W., SUITE 5	ART UNIT	PAPER NUMBER				
WASHING	TON, DC 20036	3747	3747				
		DATE MAILED: 09/25/2000	DATE MAILED: 09/25/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Offic Action Summary			Application No.		Applicant(s)				
			10/506,79	3	ADACHI ET AL.				
		Examiner		Art Unit					
			Carl S. Mil		3747				
The MAILING DATE of this communication appears on the cover sheet with the correspondenc address Period for Reply									
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).									
Status									
2a) <u></u>	This action is FINA Since this applicat	on is in condition for	☐ This action is no allowance except	on-final. for formal matters, pro a <i>yle</i> , 1935 C.D. 11, 45		e merits is			
Disposition of Claims									
5)⊠ 6)⊠ 7)□ 8)□ Applicati 9)□ 10)□	4a) Of the above of Claim(s) 2,3,6 and Claim(s) 1 and 4 is Claim(s) solution are con Papers The specification is The drawing(s) filed Applicant may not response to the contract of the contr	dare rejected. are objected to. subject to restriction objected to by the Extra on is/are: a)[quest that any objection g sheet(s) including the	and/or election recaminer. accepted or b)[to the drawing(s) b correction is require		e 37 CFR 1.85(a). ected to. See 37 C				
Priority u	nder 35 U.S.C. § 1	19							
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.									
2) Notice 3) Inform	of References Cited (I	ent Drawing Review (PTO-9 ment(s) (PTO/SB/08)	948)	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal Pa 6) Other:	ite				

Claims 5 and 8/1&5 are withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected species, there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the reply filed on 7/05/06.

The election requirement is hereby made final, since the functional limitations of the non-elected claims are believed to represent patentably distinct species.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thompson in view of Nakano.

Thompson teaches a common rail high-pressure injection system wherein the fuel pressure in the rail is monitored constantly and the injection is correlated to the pressure sensed at a particular time. This pressure further related to the identification of particular engine cylinders. The exact method of pressure sensing is not completely disclosed.

Nakano teaches a common rail fuel system used for a high-pressure injection engine wherein the rail pressure is sensed using a sampling method that includes a set time period. Since the sampling is done in this way, it will also be done during a lapse of a given time period.

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It would have been obvious to modify Thompson by using the sampling technique of Nakano to sense the rail pressure because both systems were high-pressure injection systems wherein the exact rail pressure would have been a critical factor in order to maintain a desired injection quantity.

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Claims 2-3 and 6-7 are allowed.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carl S. Miller whose telephone number is 571-272-4849. The examiner can normally be reached on MTWTHF.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steve Cronin, can be reached on 571-272-4536. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Рппіату Ехапипет